Kognitionsvetenskaplig forskning – Cognitive Science Research, ISSN 0281-9864, 2022, 165
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The Two German Realities

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Abstract In a quote of A.S. Eddington it is stated that "where science progressed the farthest, the mind has but regained from nature that which the mind has put into nature". Selecting this kind of observed reality as central theme implies the assumption that present and future belong to the issue of reality. Further, an attempt to place the two German realities, which have emerged after WWII in the context of a new German reality, means defining modern political life in trans-reality terms. Hence, studying reality in agreement with a predetermined (internal) order means working with the Agent [A] and Objective [O] components of the [AaO] system. By applying a mirror-strategy, it becomes possible to carry out rigorous examinations on the roots of [A] and [O]. The root of the corresponding dimension of Intention has become manifest in the *Reliability* concept. By recognizing the final step in the transformation, the corresponding dimension of Orientation is manifesting *Shaping* of human knowledge as the important root. In conclusion, in describing the trans-reality of Germany, a new formulation and advanced system description plays a central role. Moreover, the concepts, describing the roots of the German trans-reality, serve the methodological underpinning and explanation of additional novelties.

To the north of Germany are the North and Baltic Seas, and the kingdom of Denmark. To the east of Germany are the countries of Poland and the Czech Republic. To the south of Germany are the countries of Austria and Switzerland. To the west of Germany are the countries of France, Luxembourg, Belgium, and the Netherlands. The total area of Germany is 357,021 square kilometers. The large majority of Germany has warm summers and cold winters. Germany has a population of about 80 million people and is after the USA the second most popular country for migration in the world.

After the unconditional surrender in 1945 on May 08, the Allied forces of the West together with the Russian forces at the East divided the territory of Germany into four military occupation zones at the Potsdam Conference in 1945 (July 17 to August 02). France occupied the southwest, Britain the northwest, the USA the south and the Soviets the east, bounded eastwards by the Oder-Neisse line. At Potsdam, these four zones in total were denoted as Germany as a whole and the four 'Allied powers' exercised the sovereign authority they now claimed within the territory of Germany, which they had divided.

As a result, the occupying powers shaped two German states: West Germany (FRG or BRD) and East Germany (GDR), which were given two completely different political systems. Despite this circumstance, Germans from the East and the West could still travel across the dividing boundary. However, in August 1961, something happened that would affect Europe for a long time to come. East German soldiers rolled out barbed wire and built a wall against West Berlin and then along the entire border with West Germany. The East Germans were locked up in their own country. East German families could no longer visit relatives and friends in West Germany. The East German border soldiers shot many to death, who still tried to cross the wall. The Berlin Wall, part of the so-called "Iron curtain", became the most obvious example of the deadlock conflict between communist Eastern Europe and the democracies of the West. It was not until 1989 that the Berlin Wall was opened. Thereafter, development proceeded then rapidly and in 1990, the GDR ceased to exist.

Thus, after WWII did two German realities evolve over the substantial period of thirty years. This process did end at the time when the two parts converted into a trans-reality. To survey the present status of trans-reality in the light of the achieved reunification would be a proper starting point to allow a glimpse into the future. However, there remains the ever-present issue of selecting reality as the central theme with respect to the general body of human knowledge. It is with this vantage point that the concept of reality shall be enlightened by describing the new reality, i.e., the trans-reality that has been achieved by Politians who previously did represent two kinds of reality.

The political achievements through the German reunification have to be measured by the standards, which are peculiar to the *Basic Law* for the Federal Republic of Germany, which is the current *German constitution*. It was drawn up and passed in 1949 by the Parliamentary Council, and adopted by the state parliaments of the former federal states. The Basic Law today consists of the following sections: Title, introductory formula, preamble I. Basic rights (Art. 1 to 19) II. As Dantzig (1964, p. 247) asserts, empirical evidence and logical necessity do not exhaust the objective world. There is also a mathematical necessity, which must be observed since it guides opinion and experiment. Moreover, conceived with an unrestricted perspective, experimental evidence has to be based on information that is congruent with facts that can be demonstrated by means of physical quantities, which in the present context will be represented by radians and magnitudes. In this sense, objective evidence is the most natural and thus the most direct evidence.

For a behaviour scientist it may be utterly obvious that the achieved reality requires measurements that relate to the remaking of past conditions such that any necessary reorganisation will fit the contemporary need of the peoples. Groups of people will occasionally fit into the pre-designed order of the lawmaker. However, the boundaries of reality are defined by the principle of relativity, which is also the code for the expression of limitations. This means that there is no obvious way to ascertain whether a particular body of facts is the manifestation of the observed, or an imagination of the observer.

Independent of the peoples basic understanding of reality or their contextual conditions, political achievements have to be measured by the standards, which are peculiar to the “basic laws of human rights”. These laws should be assumed as free as possible from rational contradiction and should generate a common form of relationship, which exists between past and present forms of organization. Understanding the outcome of a scientific analysis of any given reality means understanding impressions in objective terms. Because there is no reality that can be sensed without the application of the “number” concept, arithmetic gives the number concept its meaning, which besides reality, implies space and time.

> And as Sir Arthur Stanley Eddington said in Space, Time and Gravitation: An Outline of the General Theory (Eddington, 1987), we have found that where science has progressed the farthest, the mind has but regained from nature that which the mind put into nature.
>
> ***We have found a strange footprint on the shores of the unknown. We have devised profound theories, one after another, to account for its origin. At last, we have succeeded in reconstructing the creature that made the footprint. And lo! it is our own.***
>
> Another purpose of the book is to make you understand and appreciate that we live in a world of systems — and systems within systems, which are part of even larger systems. Thus, everything we do in our personal and professional

> lives has an impact on the various systems of which we are a part. This "systems thinking" approach is not only vital for professional systems analysts, but for all members of modern society (Ed Yourdon, 2006).

Conclusions about the measures in the Eddington quote can hardly be drawn from language mechanical properties alone. Variability in the produced quote (marked with italics and bold letters) cannot be accounted for with any precision unless the patterning in individual text building behaviour is related to intention and orientation. In addition, the dynamics of its movement patterns must be related with exactness to the underlying time scales. This has important consequences for the identification and notification of rotations in the grapheme strings, their transitions and transformations. Table A1 of the Appendix gives the numerical account and relates the number concept to the measurement of magnitudes.

Morphological Text Expression

Of particular import at the morphological level is the ***spinor*** concept which was introduced by Hestenes (1986/1993, p. 7). Spinors constitute the basis for the production of the unfolded flow dynamics of Agent and Objective, plotted in Figure 1. When a spinor is representing the magnitude of an original string rotation, it is carrying the patterns and changing sign even though a movement may bring a particular pattern back into the condition where the rotation was initiated. In studying the layout of Figure 1, the focus is on discontinuity in its most fundamental sense and on the coupling and entanglement of states as well as on the establishment of wave functions. In paraphrasing J. A. Wheeler (1998, p. 325), the essential lesson to be learned from the presentation is *(...) how space and time grip the strings by telling them how to move and how strings grip space and time by telling them how to curve.*

Furthermore, at the left-hand side of Figure 1 is the unfolding of the kinetic dependencies established in the dense form of the Agent graph. Hence, the Agent has the capacity to address multiply shifting positions to its uniquely defined textual element. Since intermittent phase-transitions are resulting from changes in the stability of its gradients, changes in the identified order parameters lead to phase-transitions, which are fundamental for forming the developing space of sequences. Thus, the impact of shifts in a space is addressing the fact that free parameters are "pointless" in the present string-approach (Greene, 1999, p. 383).

Reading the shifts in the flow from the right means representing the textual development reversed. The alpha (α) variables of the [A] component are representing their shifts and the stepping function (k_i) is determining the specifications, contained in the channelling of a particular agent variable. Moreover, channelling is interval dependent and means a functional change, which translates a self-referential agent into a shade of itself. As the outline shows at the right-hand side, the shades are supporting at least two local minima of a certain depth, namely (X_4, Y_4 = -0,2802), visible in the upper right corner and (X_3, Y_4 = 1,6253) visible as green ripples at the border of the blue area).

Likewise, the stable positions of the variables are reciprocally specifying the relationship between an original agent and its shades, which is given in Table A1 of the Appendix. On the other hand, within the conceived set of specifying conditions, repetition, as for example in the intervals 1 and 2, implies reusing of the active agent. Therefore, the special character of the notation appears through the echoing, which leaves the winding factor unchanged. In contrast, channelling, as in the intervals three and four, specifies the degree to which a particular grapheme configuration is reversibly addressed and thus is changing the winding factor.

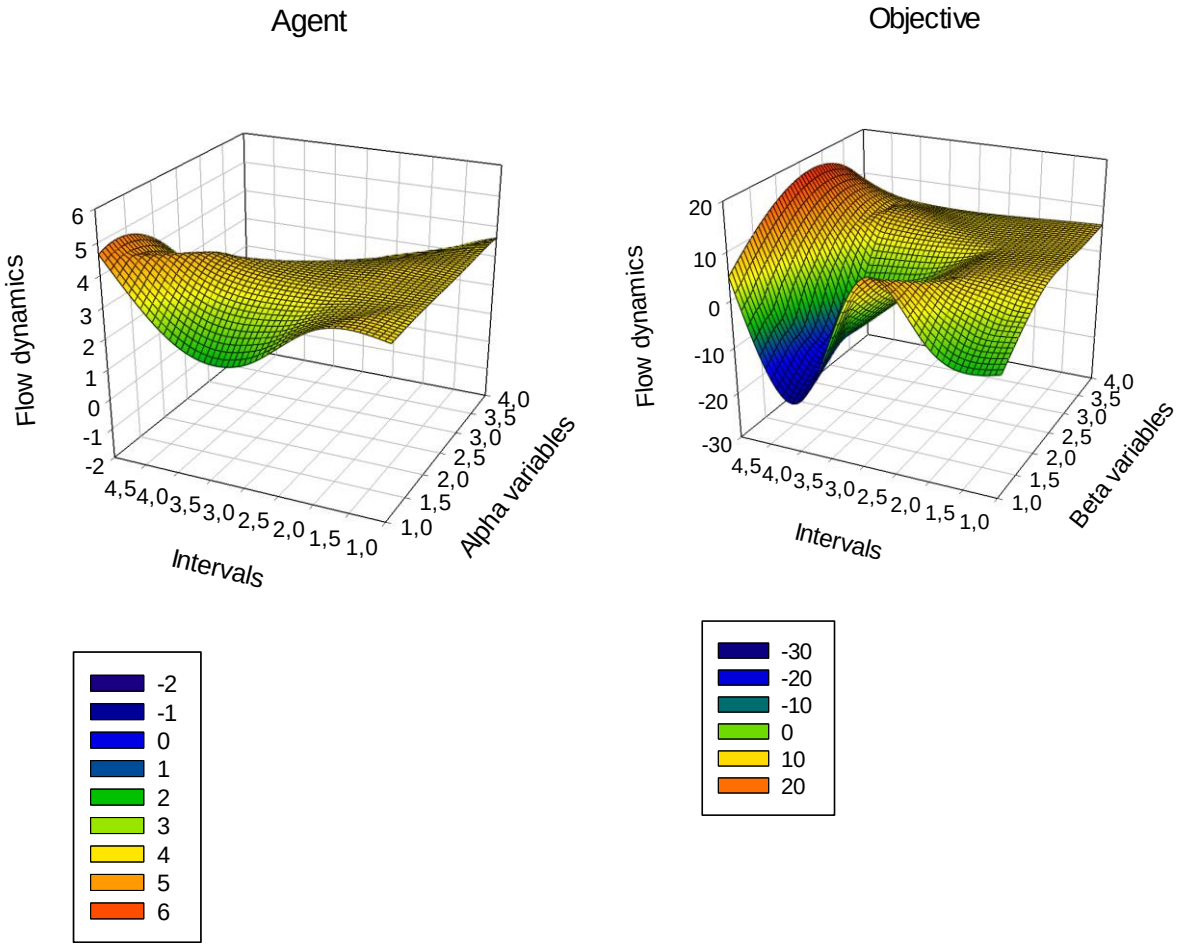

Figure 1 *Unfolded Flow Dynamics of Agent and Objective*

What is particular of the Agent component can be extracted easily from its flow dynamics, which shows a drifting over a certain number of intervals. As the depth of the first basin (local minimum) has confirmed, the shifts have occurred through the differential influences of the rotations in the fourth interval.

Crucial for the determination of the shape, emerging in the graph is that the speed in the first interval as well as the speed in the fifth interval determines a certain degree of height (local maximum). Accelerating the process in order to reach the firm depth in the fourth interval is followed by accelerating the process through variable integration. Development towards a basin always implies the fading of a textual agent into the conceptualization process as the corresponding result illustrates in the fourth interval.

Reading out the flow dynamics of the Objective means reading its shape in reversed order. This time, the textual development is representing greater variations in the objectives compared to the textual variations of the agents. By observing how the beta (β) variables are entangled, their gliding transitions can be evaluated according to the given shape. The highest ledge appears in the position (X_1, Y_3 = 8,9488). The massive formation is an expression of a certain speed in the unfolding. Meanwhile, the lowest ledge defines a surge at the position of (X_1, Y_4) with a value of (-19,1679). From a theoretical point of view, this is the essential basin of attraction (Wales, 2003, p. 290). On the kinetic level of text production, it means that

increasing depth implies increasing implicitness and consequently enlargements in the sinking of the textual objectives. By accelerating the process in order to reach a further basin at (X_2, Y_4 = -11,9624), a certain height is reached in the fifth interval. However, a new sliding at (X_1, Y_1 = -4,2833) and (X_1, Y_2 = -2,1119) is developing towards basins of lesser depth.

Progress in understanding the nature and evolution of the waves in the Agent and Objective depends mainly on the functions performed by the evolving channels. Their scope and import is approachable only through a study of the links, given in Table A1 of the Appendix, and the observation of intermittent phase transitions. As can be seen in the Table A1, the order between the produced movement patterns is interval-dependent. In this function, the shapes of the waves gather all relevant string composites on the textual agents as well as on the textual objectives. Moreover, for their representation, there is no requirement for a subjective choice of order parameters.

By observing how the variables of the Objective are entangled, their gliding transitions can be evaluated according to the depth relations. Thus, only through a rotation-governed processing of specific changes in angular articulation, crucial local string interaction can be demonstrated geometrically. This measure allows for both a mathematical as well as a geometric representation of rotational distances. It follows that an orientation may be mediated through an exchange of strand properties by means of flow-fields. Since a flow-field itself is made up of resonating as well as non-resonating strand segments, it is also mediating different kinds of orientation. A directional turn in the winding strand must be taken as an account of all occurring divergences from surface uniformity.

In conclusion, the dynamics in a resulting [AaO] ring structure resides not in the physical reality of a string segment or a strand, but in the metaphysical fraction or share, a strand has in the transformation of strings and composites. In departing from the biophysical hypothesis that a grapheme like a “particle” may consist of a ‘reversible synthesizing rotary motor’ (Kinosita, 1999; Hernández, Kay & Leigh, 2004), it is suggested that one or more A- and O-particles may rotate against the others. With this assumption as background, it will be demonstrated that the given quotation can be treated as a bio-kinematical system, which is exhibiting periodic behaviour.

It is not too difficult to imagine that the proposal of rotating particles in the form of grapheme compounds, forming a morphological space, may cause conservative reactions. Since the state attractors of Figure 2 are the consequences of the processing of folding graphemes, their termini have, concerning the conserved information, important theoretical implications.

The Dimension of Orientation

In applying proper folding procedures, outlined in the manual of PTA/Vertex (I. Bierschenk & B. Bierschenk, 2011), it will become evident that a state-dependent quality parameter (Q) can be established. A summary of the variable transformation is reproduced in Table A2 of the Appendix. The step towards the final state in the Orientation space of Figure 2 is given in Table 1.

Table 1
Objective: T_{15} by T_{18} to T_{19}

Mesh X	*Mesh Y*	*Node*	*Value*	*Transformation*
1	*3*	*T_{15}*	*43,4061*	*Probability*
1	*3*	*T_{18}*	*-19,1679*	*Profiles*
2	*3*	*T_{19}*	*12,2758*	*Shaping*

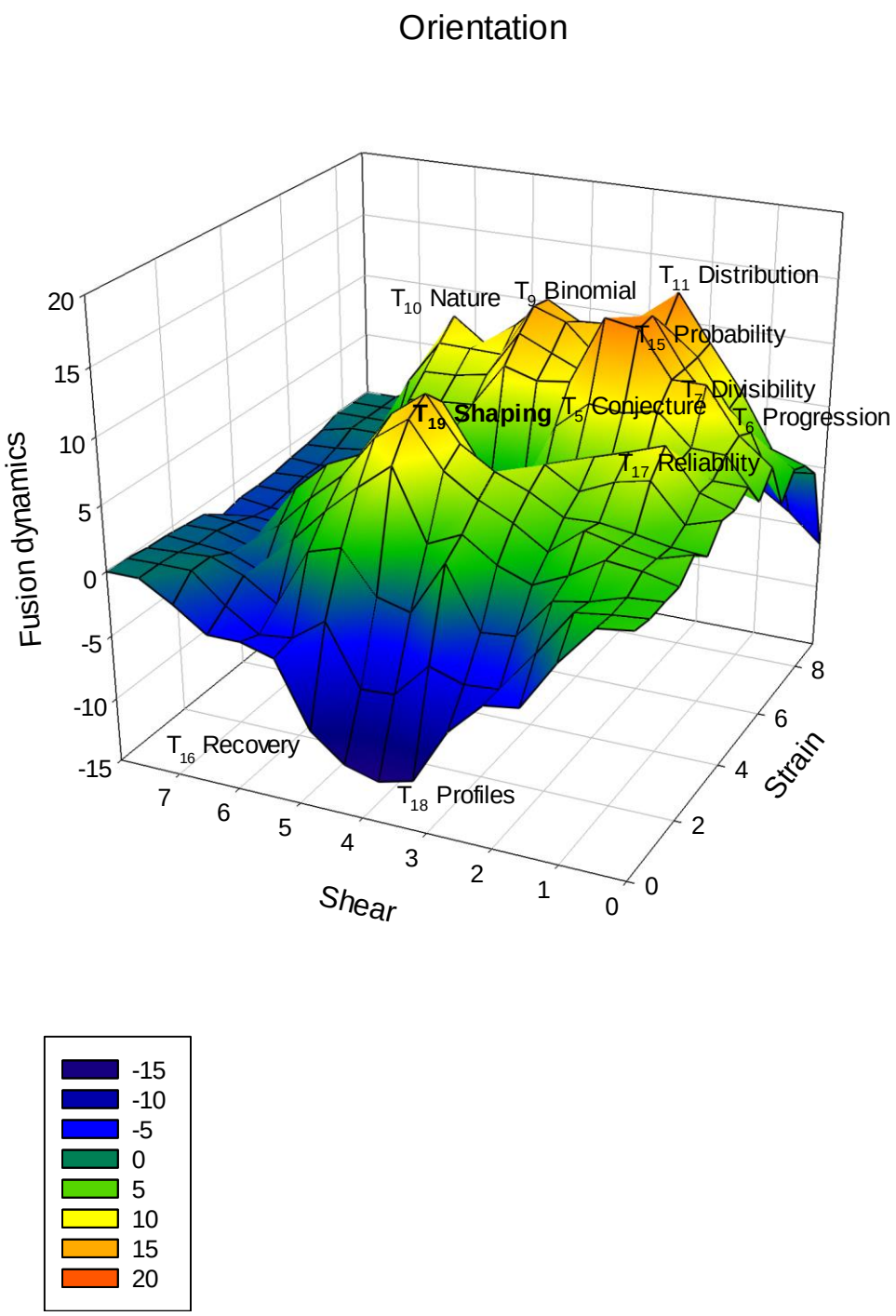

Figure 2 *Named Attractions in the Orientation Space*

With a scientific definition of the concept of *Probability*, reality may be conceived of as a property, which becomes transformed by laws, which are governing the generation of *Profiles*.

In the empirical sciences, a *Profile* may be compared to the reconstruction of an impression. As operator, the concept might be utterly oblivious to the individual who made an assessable, i.e., a recoverable imprint. Hence, recognizing the ever-present issue of reality, the outcome of the final step on the depicted transformation path of Figure 2 implies the

recognition of the importance of magnitudes in the general context of ***shaping*** human knowledge.

Furthermore, the transformative relationship in Table 2, suggests *Distribution* as the effective outcome of the operator *Nature* with respect to the *Binomial* precondition. By applying the Connes-fusion (Connes, 1994) to the process, binary operations come into existence that unites certain magnitudes. The essential feature in Table 2 refers to mental strength and scientific rigour in response to the challenges of reality.

Table 2
Objective: T_9 by T_{10} to T_{11}

Mesh X	*Mesh Y*	*Node*	*Value*	*Transformation*
7	*3*	T_9	*40,8526*	*Binomial*
8	*5*	T_{10}	*8,9488*	*Nature*
7	*5*	T_{11}	*49,8014*	*Distribution*

The basic conditions for folding the differences concern the binary changes in the articulation of the variables. At a certain step, a change in the observation of a change in articulation means a change in attitude in the "mathematical sense" (Hestenes, 1986/1993, p. 420). For example, the binary process of producing branches and their arrangement in succession requires that a change is determined within and between groupoid (G*) of periods and the intervals of a period. Progressive processing of any magnitude on the distance between the actual state and the equilibrium of a variable system demands an operator-valued function. Hence, a q-numbered measure on the existence of an "Eigen-value" relation requires the establishment of a groupoid (G*).

A groupoid is defined by a set of elements that is closed under the binary operation, whose domain is all of (G*). Hence (G*) in Table 3 will be made the foundation for manifesting a *Conjecture* of any kind in order to study *Progression* as operator and *Divisibility* as its output.

Table 3
Objective: T_5 by T_6 to T_7

Mesh X	*Mesh Y*	*Node*	*Value*	*Transformation*
5	*2*	T_5	*26,0318*	*Conjecture*
7	*1*	T_6	*9,7968*	*Progression*
7	*2*	T_7	*35,8286*	*Divisibility*

It follows that (G*) is replacing the classical frequency group (G), which has dominated the divisibility approach and is computed when regular latticed spaces form the basis of a "complex-valued" function. In changing from this kind of functions to the "operator-valued" function of Connes, (G*) has played a crucial role in the *foliation* of states at the kinematic level and the determination of its thermodynamic limit.

Table 4 shows the characteristic set of relations that are expected to be embedded in the recognition. The effect of the operator *Recovery* on the *Probability* concept is important because it relates to the consistency in the observer's recovery of his imprint. For example, the recovery of a footprint may be deemed perfectly reliable.

Table 4
Objective: T_5 by T_6 to T_7

Mesh X	*Mesh Y*	*Node*	*Value*	*Transformation*
1	*3*	T_{15}	*43,4061*	*Probability*
1	*5*	T_{16}	*-11,9624*	*Recovery*
2	*4*	T_{17}	*31,4437*	*Reliability*

Perfect Reliability

Applying *Connes-fusion* in the process implies a technical operation on the base point (x) of the S^3-matrix. By letting the base point be equal to (q= 1) so that [U(x) = 1] means progressive processing of [A=(C⊗C)]. The connection matrix (C⊗C) is resulting directly from the association of two discrete points ($\alpha_1 \neq \alpha_2$). It follows that progressive processing, based on a distance Δ-operator, is definable and folding the A-matrix. The latter makes the coupling process (C) evident and gives the folding its direct physical meaning. Connes is according to Mackenzie (1997) "doing something extraordinary", because Connes' space consists of only two points and their *alter egos*. Hence, this space can be represented as a pair of numbers on which classical arithmetic operations can be performed despite the fact that "every point is twinned with an indistinguishable alter-ego" (Mackenzie, 1997). The indistinguishable 'alter-ego' of a number is represented through a zero, which is inserted in the empty cells of a four-fold table. The result of the processing is reproduced in Table A3 of the Appendix, which contains the measures for the Objective graph. All complexities, observed at the end of the transformation path, can be circumscribed and communicated with the name associated with the descriptor of the final state attractor, which in Figure 2 is given in bold letters.

The Dimension of Intention

To reiterate, the produced shapes of potential energy distribution of Figure 1 is the pre-requisite for the computation of a free energy surface for the fusion dynamics, which defines the configuration of the Intention dimension of Figure 3. Table A3 of the Appendix reflects the complete configuration of the agent variables. This is expected to lead to a space, which conserves the fused energy. The holistic properties of the entire text have emerged through the abstraction and extraction of the termini describing the attraction. Table A3 contains the extracted termini in its entirety for the description of the Agent component.

The privileged Germanic consciousness is unique in certain respects. With an eye on evolutionary processes, the Germanic view is pragmatic and oriented towards the present (Bauschatz, 1985). This on the other hand does not mean that the past is inaccessible or has disappeared into the clouds of forgetting. Seen in the frame of a past-present reference, the past becomes accentuated through transformative processes, which produce novel forms of existence. Instrumental in this process is the *culture pattern of the Germans* through which the past is flowing into the present and thereby facilitating some far-reaching concepts.

Fratzscher (2020, October 01) has contributed with a column on "thirty years after reunification". In accordance with the past-present scheme, many people in East and West Germany may have been wondering about how the past thirty years have been perceived and changed their life. Moreover, experienced trans-reality may have affected both sides and transformed the German society with respect to people's way of life.

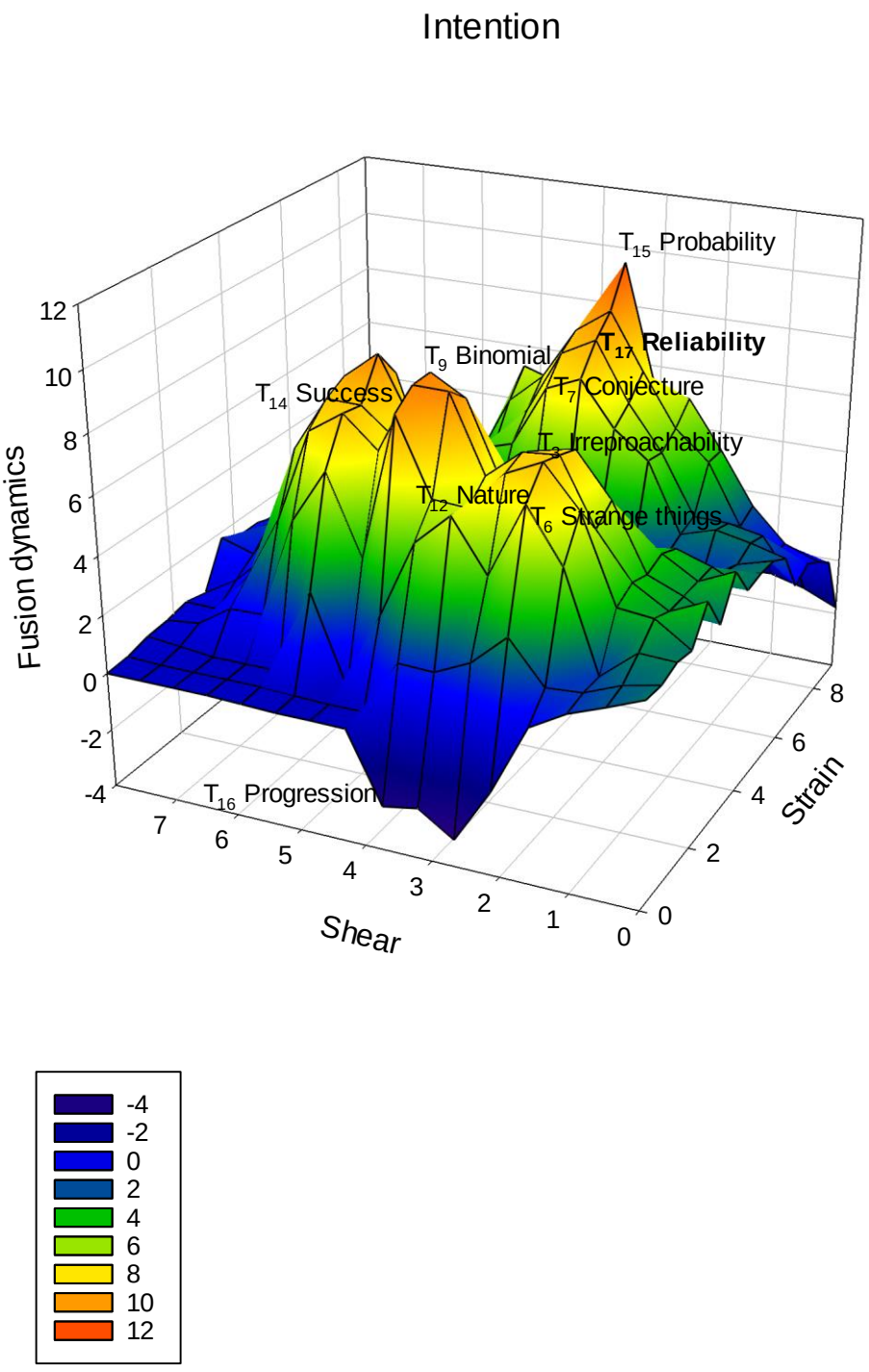

Figure 3 Description of *Attractions in the Intention Space*

Reliability in Figure 3, marks the root of the dimension, which is addressing shared joy about the reunion, and that unity is a fortune for Germany. There appears to be essentially no one in the East and the West of the country that would require the unification to be undone. The peope from both sides have, after thirty years of reunification, learned to cope with their fellow Germans, however under changing circumstances (Machowecz, 2020, September 30). They have learned to parry upcoming teasing troubles as “Ossis” or “Wessis” in honourable ways. The corresponding attractor (T_{17}) describes the higher part at the mountain in the

background. Its value (q=+41,1880) is expressing the consistency which has been acchieved in adapting to the situational demands. This is an interesting case because the Ossis appear to remain in their mood of being dissimilar compared to the Wessis. This sense of self-confidence gives them a new and increasingly brisk manner of conduct.

In the publication "30 Years of German Unity & Diversity", the Federal Office for Population Research (BiB) takes a close look at what has happened in the population since then. The data and information listed below originate from this publication. The key question is, as Clarkson (2019, May 02) outlined in an interview in *Die Zeit* how people in Germany are talking about East and West. The *Probability* of progress in this area depends on the disappearance of the illusion that the East will adjust its living conditions and become like the West.

Probability is the descriptor of attractor (T_{15}) which has appeared at the highest peak with the quality value (q=+41,4683) and marks an inner-directed attention which seems to be concentrated on the sensitivity to impressions made by Wessis and Ossis. For them, the probability of a German reunification was unbelievable before the years of 1989 and 1990. Initiated by a peaceful revolution in the East (GDR), unity was achieved and the end of four decades of German division was a result, which is celebrated on Ocober 3rd as a national holiday, which was shaped during the years of transition. On the night that marked the completion of the German reunification, many believed it would be the end of the migration of East Germans to the West. Hardly anyone believed in the probability that many regions of the East would experience a severe demographic crisis. *Zeit Online* has evaluated data on each of the approximately six million moves between East and West. In all, more than three million people left their homes after the fall of the Berlin Wall.

The year 2017 marked an historic turning point. For the first time, more people moved from West to East than the other way around (Bangel, Ch., et al, 2019). For now, the long-term trend of a *Binomial* division in migration has come to a halt. The German division, *binomially* conceived, implies the attractor (T_9) which is approachable as the intentional expression for the large wave of the second migration. The value (q=+29,1663) of the attractor in the graph of Figure 3 is the result of this wave.

Polls performed by the Emnid surveyors, registerd a level of depression among East Germans that had ‘never been seen before, not anywhere’. More than a third of the adult population had the feeling that they were “no longer needed in society”. Despite the fact that Germany was granted full sovereignty over its internal and external affairs, eighty percent of the East Germans lost their jobs either temporarily or permanently. Nevertheless, some success stories have been noticed but many places were torned by fear and resignation.

Conjecture is the descriptor of attractor (T_7) which has appeared at medium height as saddle with (q=+25,1633). It has been assumed that the waves of emigration and the growing opposition in the GDR together with the opening of the Berlin Wall brought about the final collaps of the political system. More than 15 million people became integrated into for them a completely new system, namely the *social market economy* (*Wikipedia*, October, 09, 2020) which means in the German language: Soziale Marktwirtschaft. As a socioeconomic model, it has also been called “Rhine capitalism” which has been referred to as “Social capitalism”. This kind of systems has been combined with free market capitalism, the establishment of fair competition within the market and the welfare state, which were implemented by the Christian Democratic Union (CDU) under the Chancellor Konrad Adenauer in 1949. The segment “social” should not be confused with “socialism” because Sozial Marktwirtschaft stands for a modern economic system that like the free market economy thrives on competition. “Social” stands for the goals of guaranteed freedom, social security and social justice. Ludwig Erhard, the implementer of this model, summarized this under the central goal: Prosperity for all.

Irreproachability is the attractor (T_3) in the graph which has appeared with a value of (q=+14,3971). Whenever someone or something is reaching this status in political affairs, involved parties need to re-examine their perspectives. Annexation of the eastern part to the Federal Republic of Germany meant not only the end or disappearance of one state and the sudden expansion of another. Furthermore, the dominating power of the West may have easily corrupted the process of reunification. The same applies to an unconditional support because it gives it undo licence.

Success is the descriptor of attractor (T_{14}), which appears with a value of (q=+12,5823) at the left-hand side in the Intention space. The kind of attraction, connected with the widely applauded success of the political process and the admiration of the international community is partly associated with acuity in the perception of the skills and talents in the achievement of the reunification of Germany. Moreover, international participation in the celebration of October 3rd as national holiday has stimulated the expression of pleasure and approval, blended with socially acceptable flatter, the appreciation of emotions including esteem of and respect for the German achievement.

Nature is the descriptor of the attractor (T_{12}) which appears with a value of (q=+10,9570) and thereby signals the fundamental change of the inofficial terms GDR and BRD to be replaced by the official term Germany for both states as well as the abundance of socialism in the GDR. Over centuries, the name "Germany" has been used as the description of a fluid organization of Germanic-speaking peoples that held much of the territories of Western Europe. Much of the post-war success has been the result of the renowned industriousness and the self-sacrifice of its hard-working people. The human Nature of the German people is catched with a remark of Günter Grass: "To be a German is to make the impossible possible" (Geary, P. J., and October 07, 2020).

Strange things refer loosely to an entity or theory not precisely designated or designed. The corresponding attractor (T_6) comes into view at the right-hand side in the form of a ridge with a value of (q=+10,7662). It is addressing the intention to ensure one's maintenance of one's self-preservation. To recognize one's own footprints is an act of sustainability and means coping with distorting environmental influences.

Progression is the only descriptor that appears in the middle of the graph and below sea level. The attractor (T_{16}) carries the value (q=-0,2803). With references to its implicitness, both possible theories of the appearance of footprints as well as possible theories of the creatures that made the imprints, lead with necessity to the peoples who migrated from one part of the country to the other. According to Rauschenberger (2020, October 02), a study by the German Insitute for Economic Research, conducted on behalf of *Die Zeit and Zeit Online* has shown that the migration movements of the past 30 years had profound effects on income and wealth for those who moved between east and west.

Discussion

The language of the initialising quotation can be studied with the aid of Perspective Text Analysis (PTA). Founded on the Agent-action-Objective (AaO) axiom and the assumption of rotational string dynamics, periodicity of the processed strings can be discovered and shown to operate in accordance with a pendulum. Even more important is the fact that the pendulum obeys two laws. One requires the mechanism to keep and conserve the strict dependency, which must hold within A-O-pairs. The other demands that the pendulum is always establishing the property of symmetry of super strings. Together, the two laws lead to an invariant coordination. The term "invariant" refers to the establishment of a "coordinate-free" (Hestenes, 1994) A-O kinematics, which has made it possible to control the interplay between the "intention" (int) and "orientation" (ort). Based on the formula {[int (A)] a [ort

(O)]}, systems of language-specific coordinates have been discovered, which concern the synchronisation of super strings. Since these coordinates are intrinsic, they constitute the self-evident foundation for the establishment of invariants (B. Bierschenk, 1984 p. 11).

In particular, since the focus is on the quote, it is a matter of realising a perspective. When a perspective has been materialised, it is governing the evolution of an autonomous intention space. Since the distinction between an [A] and the corresponding dummy [$\varnothing_A$] serves the function of forming entanglements, [$\varnothing_A$] is responsible not only for the property of attraction but also for the property of channelling a perspective. This implies that the evolution of a structure of intention by necessity is coupled with system dynamics. String movement in the sequencing space of the A-component and perspective phase transitions are of course influenced by the quality of the produced text. The root of the dimension of Intention has been shown to be conceptualized with the descriptor "Reliability".

As a further result of the produced configuration, convoluted structures have come into existence, which reflect transformations on the meaning of the topological invariants of the Orientation component. Hence, with a scientific definition of the concept of *Probability*, reality may be conceived of as a property, which becomes transformed by laws, which are governing the generation of *Profiles*. In the empirical sciences, *Profiles* may be compared to the reconstruction of impressions. As operator, the concept may be utterly oblivious to the creature that made an assessable imprint. Hence, recognizing the ever-present issue of reality, the outcome of the final step on the transformation of the orientation path implies the recognition of the importance of magnitudes in the general context of *shaping* human knowledge.

Thus, spaces have been realised, which restrict string rotations. Over the given textual environments, it has been demonstrated that uniqueness is achievable in the formation of motifs, and the dimension of Orientation has contributed with the structural stability of the objectives (themes), which have been shown to evolve in complex spaces. In sum, since the quality of writing is emanating from the individual text producer, topological singularities constitute the foundation for its embodiment in the established flow dynamics' of Figure 1 as well as in the shapes of the Figures 2 and 3. The uniqueness of a particular space appears in its morphogenetic specificity. Thus, looking more closely on the complexity and the dynamics over spaces may lead to the appearance of a deeply ingrained commonalty. Moreover, the commonalty of shapes may be shown to be the outcome of an overall symmetry of the participating spaces.

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Accepted March 07, 2022

Appendix

Table A1 *Basic Radians of Agent and Objective*

Variables	*X*	*Y*	*Z(A)*	*Z(O)*
1	1	1	3,5482	-4,2833
2	2	1	3,6163	4,0191
3	3	1	3,6163	5,4566
4	4	1	3,6163	5,9211
5	1	2	3,5168	-2,1119
6	2	2	3,6246	5,5264
7	3	2	3,6246	5,1083
8	1	3	2,0014	8,9488
9	1	4	2,3393	-19,1679
10	2	4	3,9705	-11,9624
11	3	4	1,6253	4,86700
12	4	4	-0,2802	4,92980
13	1	5	4,6472	5,02400

Table A2 Objective transformation

X	*Y*	*Node*	*Value*	*Transformation*
0	1	2	4,0192	Found a strange footprint
1	0	3	5,4567	On the shores
1	**1**	**T_1**	**9,4759**	**Enigma**
2	0	D	0	
3	0	4	5,9211	Of the unknown
3	**1**	**T_2**	**5,3793**	**Undisclosed**
1	*1*	*T_1*	*9,4759*	*Enigma*
3	*1*	*T_2*	*5,3793*	*Undisclosed*
3	**2**	**T_3**	**15,3970**	**Irreproachability**
4	0	6	5,5264	Devised profound theories, one
5	0	7	5,1084	After another
5	**1**	**T_4**	**10,6348**	**Strange things**
3	*2*	*T_3*	*15,3970*	*Irreproachability*
5	*1*	*T_4*	*10,6348*	*Strange things*
5	**2**	**T_5**	**26,0318**	**Conjecture**
6	0	11	4,8670	After another
7	0	12	4,9298	Made the footprint
7	1	**T_6**	**9,7968**	**Progression**
5	*2*	*T_5*	*26,0318*	*Conjecture*

7	*1*	T_6	*9,7968*	*Progression*
7	**2**	$\mathbf{T_7}$	**35,8286**	**Divisibility**
9	2	D	0	
9	3	13	5,0240	Is our own.
8	**3**	$\mathbf{T_9}$	**7,3596**	**Identity**
7	*2*	T_7	*35,8286*	*Divisibility*
8	*3*	T_8	*7,3596*	*Identity*
7	**3**	T_9	**40,8526**	**Binomial**
9	4	D	0	
9	5	8	8,9488	Account for its origin.
8	**5**	$\mathbf{T_{10}}$	**8,9488**	**Nature**
7	*3*	T_9	*40,8526*	*Binomial*
8	*5*	T_{10}	*8,9488*	*Nature*
7	**5**	$\mathbf{T_{11}}$	**49,8014**	**Distribution**
6	8	D	0	
5	8	1	-4,2834	Have(at last,we+have(… (reconstructed the creature +(… made the footprint)
5	**7**	$\mathbf{T_{12}}$	**-4,2834**	**Appearance**
4	8	D	0	
3	8	1	-2,1119	Have(we+devised profound theories, one+after another)
3	**7**	$\mathbf{T_{13}}$	**-2,1119**	**Impact**
5	*7*	T_{12}	*-4,2834*	*Appearance*
3	*7*	T_{13}	*-2,1119*	*Impact*
3	**6**	$\mathbf{T_{14}}$	**-6,3953**	**Success**
7	*5*	$\boldsymbol{T_{11}}$	*49,8014*	*Distribution*
3	*6*	T_{14}	*-6,3953*	*Success*
1	**3**	$\mathbf{T_{15}}$	**43,4061**	**Probability**
0	6	D	0	
0	5	10	-11,9624	Succeeded in(at last, we+reconstructing+ that(we,at last +made the footprint.
1	**5**	$\mathbf{T_{16}}$	**-11,9624**	**Recovery**
1	*3*	T_{15}	*43,4061*	*Probability*
1	*5*	T_{16}	*-11,9624*	*Recovery*
2	**4**	$\mathbf{T_{17}}$	**31,4437**	**Reliability**
0	4	D	0	
0	3	9	-19,1679	Have(at last,we+succeeded in (at last, we+reconstructing+that(we,at last+made the footprint.

1	**3**	**T_{18}**	**-19,1679**	**Profiles**
1	*3*	*T_{15}*	*43,4061*	*Probability*
1	*3*	*T_{18}*	*-19,1679*	*Profiles*
2	**3**	**T_{19}**	**12,2758**	**Shaping**

Table A3
Extraction of Terms from the O-mesh

X	*Y*	*A-component*	*O-component*	*English*	*Fusion*
		Pendel	*Destination*	*Extraction*	*Value (Q)*
1	1	T_1: 1 → 2	T_{O1}	Enigma	7,1645
3	1	T_2: 3 → 4	T_{O2}	Undisclosed	7,2326
3	2	T_3: T_{A2} → T_{A1}	T_{O3}	Irreproachability	14,3971
5	1	T_4: 5 → 6	T_{O4}	Strange things	7,1415
7	1	T_5: D → 7	T_{O4}	Strange things	3,6247
7	2	T_6: T_{A5} → T_{A4}	T_{O4}	Strange things	10,7662
2	5	T_7: T_{A6} → T_{A3}	T_{O5}	Conjecture	25.1633
8	4	T_8: D → 8	T_{O10}	Nature	2,0015
7	4	T_9: T_{A8} → T_{A7}	T_{O9}	Binomial	29,1663
8	6	T_{10}: 9 → 10	T_{O16}	Recovery	6,3098
5	7	T_{11}: D → 13	T_{O8}	Identity	4,6472
5	6	T_{12}: T_{A11} → T_{A10}	T_{O10}	Nature	10,9570
2	7	T_{13}: D → 11	T_{O6}	Progression	1,6253
3	6	T_{14}: T_{A13} → T_{A12}	T_{O14}	Success	12,5823
3	5	T_{15}: T_{A14} → T_{A9}	T_{O15}	Probability	41,4683
1	4	T_{16}: D → 12	T_{O6}	Progression	0,2803
3	4	T_{17}: T_{A16} → T_{A15}	T_{O17}	Reliability	41,1880